



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: ) Before the Examiner:  
James E. Lange )  
Serial No: 10/683,970 ) Group Art Unit:  
Filed: October 10, 2003 )  
SAMPLING ISOLATOR )

**INFORMATION DISCLOSURE STATEMENT**

Applicants hereby submit the attached documents listed on the attached PTO Form 1449 in accordance with 37 CFR §1.97(b)(3), as these documents are being submitted before the first Office Action. Copies of the cited items are enclosed in accordance with 37 C.F.R. § 1.98.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in § 1.56(b), or that these documents are prior art.

It is believed that no fee is required for consideration of the submitted items. Should any fee be required, however, please charge such fee to Deposit Account No. 02-0387, but not to include any payment of issue fees.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: January 15, 2004

Michelle W. Horvath  
Michelle L. W. Horvath



JAN 20 2004

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through September 30, 2007. GSA FPMR

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet 1 of 2

**Complete if Known**

Application Number	10/685,970
Filing Date	10/10/2003
First Named Inventor	Lange
Art Unit	
Examiner Name	
Attorney Docket Number	DIE0009 C

Attorney Docket Number DIE0009.01

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

of

2

*Complete if Known*

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Disc Springs", undated, 1 page	✓
		"Mechanisms simplify timing between shafts", undated, pages 262-263	✓
		HARRIS, CYRIL M., "Shock and Vibration Handbook", undated, pages 25.1-25.7, Fourth Edition	✓
		"General Fundamentals", undated, pages 1-13	✓
		"Mutually-opposed springs", undated, page 15	✓
		BOART LONGYEAR COMPANY, "Environmental Drilling Division: Sonic Drilling", undated, pages 1-11	✓
		"Sonic Drilling Ltd.", undated, page 2, Industry in Action	✓

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